

(1105-02)

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000**

NOV 04 2004

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24247 7590 08/18/2004

**TRASK BRITT  
P.O. BOX 2550  
SALT LAKE CITY, UT 84110**

**Adjustment date: 11/08/2004 MAHMED2  
01/05/2004 EAREGAY2 00000133 09863676  
01 FC:1501 -1330.00 OP**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL994830587US

Date of Deposit with USPS: November 4, 2004

Person making Deposit: Christopher Haughton

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,676	05/21/2001	Frank L. Hall	4718US (00-0316)	1281

**TITLE OF INVENTION: METHODS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA USE OF A LASER**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	11/08/2004 MAHMED2 00000072 09863676
EXAMINER	ART UNIT	CLASS-SUBCLASS	01 FC:1501	1370.00 OP	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Trask Britt  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MICRON TECHNOLOGY, INC.

Boise, Idaho

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 5

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-1469 (enclose an extra copy of this form).

**5. Change in Entity Status (from status indicated above)**

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

(Date)

11/4/04

James R. Duzan, Reg. No. 28,393  
 This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

Frank L. Hall

**Serial No.:** 09/863,676

**Filed:** May 21, 2001

**For:** METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

**Confirmation No.:** 1281

**Examiner:** S. Heinrich

**Group Art Unit:** 1725

**Attorney Docket No.:** 2269-4718US  
(00-0316.00/US)

**Notice of Allowance Mailed:**

August 18, 2004

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EL994830587US

Date of Deposit with USPS: November 4, 2004

Person making Deposit: Christopher Haughton

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$40.00 in payment therefor plus five (5) copies of the patent when issued. Also enclosed is a Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees.

On December 29, 2003, pursuant to a Notice of Allowance and Fee(s) Due dated October 6, 2003, Applicant submitted Check No. 19729 in the amount of \$1,645.00 for issue fee, publication fee and five (5) copies of the patent when issued. On June 30, 2004, the above application was withdrawn from issue and a Request for Continued Examination (RCE) was filed along with a Supplemental Information Disclosure Statement. The application was again found allowable pursuant to a Notice of Allowance and Fee(s) Due dated August 18, 2004. Pursuant to the August 18, 2004 Notice of Allowance and Fee(s) Due, the fees were indicated to be \$0.00. However, additional fees of \$40.00 are due which reflect fee increases of October 1, 2004. **Applicant hereby requests, pursuant to M.P.E.P. 1308.1, that the previously-paid Issue Fee and extra copies be applied to the issue fee currently due, as indicated by the \$0.00 balance set forth in the Notice of Allowance and Fee(s) Due. Check No. 21077 in the amount of \$40.00 is enclosed for additional fees due.**

Applicant understands that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: November 4, 2004

JRD/dlm:dlh

Enclosures: Part B - Issue Fee Transmittal

Check No. 21077 in the amount of \$40.00

Copy of Transmittal Letter

Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)